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**BT—07—2016**

**FACULTY OF COMPUTER SCIENCE**

**M.Sc. (S.E.) (First Year) (First Semester) EXAMINATION**

**OCTOBER/NOVEMBER, 2016**

**SOFTWARE ENGINEERING**

**(PHP and MYSQL)**

**(Friday, 18-11-2016)**

**Time : 10.00 a.m. to 1.00 p.m.**

*Time—Three Hours*

*Maximum Marks—75*

*N.B. :—* (i) All questions are compulsory.

(ii) Assume suitable data if necessary.

(iii) Figures to the right indicate full marks.

1. Attempt any *three* of the following : 15
  - (a) Explain looping statement in PHP.
  - (b) Explain sending data to Browser.
  - (c) Explain constant with example.
  - (d) Explain types of errors.
  - (e) Explain index in MYSQL.
2. Answer the following (any *three*) : 15
  - (a) Explain sticky form.
  - (b) Explain creating and calling your own function in PHP.
  - (c) Write a PHP code for finding greater number between two numbers using form.
  - (d) Explain conditional statements in PHP.
3. Solve the following (any *three*) : 15
  - (a) Explain validating form data in PHP.
  - (b) Explain types of errors.
  - (c) Write a PHP code for connecting to MYSQL and selecting database.
  - (d) What is Join ? Explain it.

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4. Answer the following (any *three*) : 15
- (a) Write a PHP code for of creating custom error handler.
  - (b) What is Cookies ? Explain it.
  - (c) Explain adjusting error report in PHP.
  - (d) Explain including multiple in PHP.
5. Write short notes on any *three* of the following : 15
- (a) Types of table in MYSQL
  - (b) Scope of variable
  - (c) Debugging techniques
  - (d) Full text search
  - (e) Arrays.